

THE 4★ PUZZLER

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... AND MORE!

1981 Magazine Puzzle Guide

For those insatiable solvers who run out of *Four-Star* long before they run out of month, we've compiled a list of major American magazines that publish a regular puzzle feature or department. We haven't included Sunday newspaper supplements or juvenile magazines in our list, nor magazines devoted solely to puzzles—aficionados should have no trouble finding these on their own. Similarly, we've ruled out magazines that feature only a quiz or a reprint of an American crossword. So here, to tide you over until the next *Four-Star*, is our list:

(Each magazine is followed in parentheses by its publication frequency: *W* for weekly, *BW* for biweekly, *M* for monthly, *BM* for bimonthly, and *8x* for eight times a year.)

Across the Board (M) "Crossword Puzzle" edited by Margaret Farrar. Magazine for business executives. Business-themed crossword.

Americana (BM) "Crossword Puzzle" by Jack Luzzatto. Themed to match the issue's main article.

The American Way (M) "Puzzle" by Judy Steinbach. American Airlines' in-flight magazine. A new variety of puzzle each issue.

The Atlantic (M) "The Atlantic Puzzler" by Emily Cox and Henry Rathvon. High-quality variety cryptic puzzle.

Creative Computing (M) "Puzzles and Problems" by Barry Townsend. Variety of word and math teasers.

the Dial (M) "The Public Broadcasting Crossword" by Vincent Osborne. Magazine of public television, available in major cities. Puzzle related to the issue.

Games (BM) "Pencilwise" edited by Will Shortz.

Golf Magazine (M) "Golf Crossword" by Jack Luzzatto.

Harper's (M) "Puzzle" by E.R. Galli and Richard Maltby, Jr. Another high-quality variety cryptic puzzle.

Modern Maturity (BM) "Puzzle" by various contributors. Magazine for senior citizens. Word search puzzle.

The Nation (W) "Crossword Puzzle"

by Frank W. Lewis. America's longest-running cryptic crossword—since 1943.

National Review (BW) "Trans-O-Gram" by Svend Petersen. Politically-oriented double-crostic.

New York/Cue (W) "Sunday Times" of London Crossword." Cryptic puzzle.

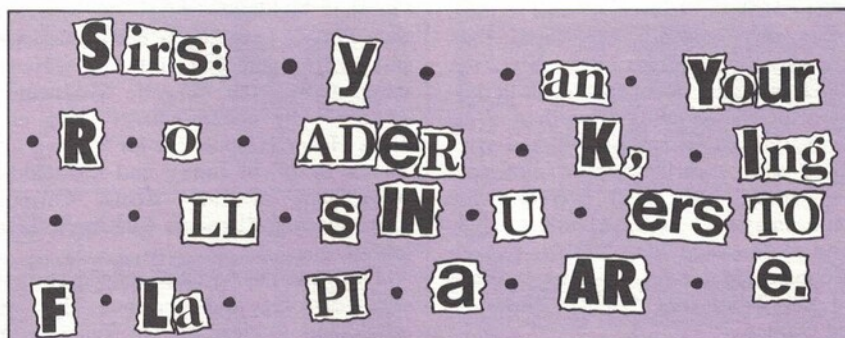
continued on page 11

1 Paper Caper

MIKE SHENK

No loss, but our proofreader at *The Four-Star Puzzler* was recently kidnapped. Shortly after, we received a ransom note composed of letters cut from newspaper headlines. (What lack of originality!) Unfortunately, the kidnapper was not careful enough to use good glue, because, when we opened the note, many of the cut-out letters were lying loose in the bottom of the envelope. By studying the loose pieces and the positions of the spots of glue left where missing pieces had been, we managed to restore the note to its original form, revealing the kidnapper's demands—which we, of course, refused to fulfill. But just what were those demands?

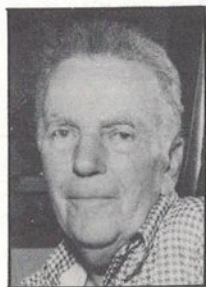
Answer, page 10



Who's Who in Puzzledom

Jack Luzzatto

Jack Luzzatto and crossword puzzles have grown up together, moving from a start in New York City in the mid-1920s to popularity throughout the nation. Today at every newsstand there are several publications containing crosswords; it is probable that at least one has a puzzle by Jack Luzzatto.



Luzzatto made his first crossword as a 16-year-old student in 1927, mailing it to the *New York World*. "They sent back a check for eight dollars," he recalls, "which was almost a week's pay in those days."

But constructing puzzles was at first only a sideline. He studied art for four years at New York's Cooper Union, graduating in 1934. For nine years he labored as a gag cartoonist, making up his own jokes and illustrating them in a smooth, uncluttered style in pen and ink. Magazines such as *Collier's*, *The Saturday Evening Post*, *Mademoiselle*, and *Saturday Review* published his cartoons, but Luzzatto explains, "not often enough."

An offer from Dell publishers to construct a half-dozen crosswords at \$5 apiece sparked his career, which subsequently "just grew and grew." For the last 28 years Luzzatto has been a full-time puzzle constructor, an occupation so unusual that he managed to stump the *What's My Line?* television panel in 1962.

Luzzatto's puzzles have been published by the hundreds in the *New York Times* and other newspapers, and in dozens of books including more than 30 by Bantam alone. He has also worked as an editor and contributor for numerous magazines, "just about everyone you could imagine," he says with a smile, "and some you couldn't." Today Luzzatto constructs puzzles on a regular basis for *Americana*, *Golf*, *Scanner*, *Verbatim*, and *Games*.

Working at his home in Bronx, New York, Luzzatto takes only 30 minutes to construct a daily-size (15x15 square) crossword, and three to five hours to make a larger Sunday puzzle. His speed at construction has allowed him to pursue other interests. He is the father of four, the grandfather of six, and the author of more than 100 published poems. Describing himself as "a good hacker" at tennis, Luzzatto also enjoys Yankees and Mets baseball games and classical music.

Luzzatto's training in art and his background in writing jokes are reflected in his puzzles. His diagrams are recognizable for their aesthetically pleasing patterns of wide-open white spaces interlocked with a rhythmic flow of a smaller than usual number of black squares. For clues he strives for "wit and ingenuity," citing the following favorites: "A clash of symbols"—MIXED METAPHOR; "Leaves for a year"—CALENDAR; "First one to say TGIF"—ROBINSON CRUSOE; and "U.S. Gov't 'Bonds'"—CIA. Such humor provides solvers with momentary relief from the struggle to spell some of the unusual words Luzzatto typically includes, such as the crossword tournament stumper "'Crazy trees,' good for making billiard cues"—ARBOLOCOES.

Asked to reflect on his career, Luzzatto pauses and says, "A few years ago I constructed a puzzle that appeared in an advertisement for Kraft Cracker Barrel cheese. The headline read, 'Our Pride—Your Joy.' And that's how I feel about my work: it's my pride, and your joy."

—ROBERT D. SPURRIER

Note: A new crossword by Jack Luzzatto appears on page 9 of this issue.

For Starters

This month in the *Four-Star* we welcome a company of new puzzlers to "The Sphinx Page" (page 8)—Marge Deibel, Beth Howard, Maureen Kennerk, J. Grossman, Bill Webster, and Janet Cohen. The quality of contributions keeps improving, we think. If any other readers would like to spin verse around an interesting keyword, we'd like to hear.

Other highlights this issue: "Garage Sale Fever" (page 6), a hellacious logic puzzle from the pen of Robert "Hardcase" Liddil; the "Cryptic Crossword" (page 5) by puzzle editors Doug and Janis Heller (responsible for "On a First Name Basis" in June); and the middle installment of the "Rebus Cartoon Championships" (pages 2-3) for \$500 of games.

The June *Four-Star* contained two errors—one big and one not—that we would like to clear up. On Rebus #35, with the answer *Vanity Fair*, the category should have read "1848 Novel." All solvers who submitted entries received credit for this puzzle. And in the answer to the Chess Search, #10, we said, "Taking with the other rook also works." Well, it doesn't; but the answer outlined is still correct.

In the world of puzzles: Congratulations to Rosalind Moore, who was just named successor to Kathleen Rafferty as

continued on page 4

Rebus Cartoon Championships

Second of 3 Puzzle Sets

Grand Prize Your choice of \$500 worth of games from the 1980-81 catalogue of World Wide Games (Delaware, Ohio)

25 Runner-Up Prizes "Snapper Trick" birch wood puzzles

Object Solve and submit the answers to as many cartoon rebuses as you can in the July, August, and September issues of *The Four-Star Puzzler*. The first set of 12 contest puzzles appeared last month. The second set appears on the next page. The contest will have 36 puzzles altogether.

How to Solve Rebus Cartoons The caption above each cartoon gives the category of the answer and the number of letters in it. All the parts of the answer are found *phonetically* in the cartoon in one or more of the following ways:

1. Words or hyphenated syllables actually spoken by the cartoon characters or appearing in the cartoon;
2. Synonyms of words spoken by the characters or appearing in the cartoon;
3. Names of prominent objects in the picture;
4. Isolated letters in the picture;
5. Words implied by the subject or action of the scene.

Novel: 6, 4

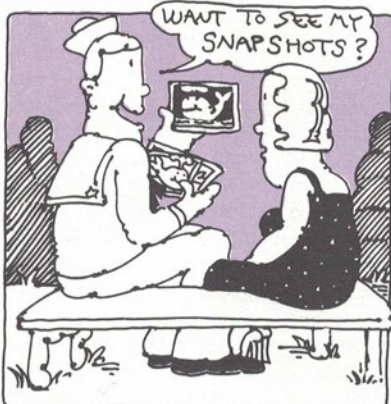


For example, the answer to the cartoon at left is *Vanity Fair*. It is sounded out by VAN, pictured in the background, the word IT in the dialogue, the letter E on the van, and FARE, suggested by the cabbie's \$4.80 (VAN-IT-E-FARE).

How to Enter On a postcard or back of an envelope (no letters, please), send us the answers to as many August rebuses as you can solve. Please list the parts of each answer (as above), and send to "August Rebus Cartoons," *The Four-Star Puzzler*, 515 Madison Avenue, New York, NY 10022. Entries for the August puzzles must be received by August 31, 1981.

Winning The winner will be the reader who correctly solves the most cartoons in the July, August, and September issues. Those who submit the 25 next best entries will be runners-up. Ties will be solved by random drawing. Answers and winners' names will appear in the December issue.

Note: May winners are listed on page 4.

2 Newscaster: 6, 5**3 World Capital: 8****4 Book and Movie: 3, 9, 6****5 World Leader: 6, 2, 5****6 Football Coach: 3, 6****7 Chess Player: 5, 7****8 Puzzewriter: 4, 8****9 Wine: 3, 8****10 1960s Hit Song: 6, 3****11 Actor: 4, 6****12 Popular Singer: 5, 8****13 U.S. City: 11**

Acronymbles

Results from May

The most popular name in entries for the Acronymbles contest was Jimmy Carter, followed closely by Carl Sagan, Babe Ruth, and Pinocchio. In this competition, the aim was to shed light—or darkness—on a famous name by treating it as an acronym.

And what conclusive answer did the contestants give to the age-old question, "What's in a name?" Since the winning entry arrived with neither name nor address, the answer is obviously, "Nothing." If the following was your Acronymble (mailed from Rochester, NY), please tell us who you are so you can receive your prize Doubleday books:

CAROL BURNETT: Comedienne, angered recently, ordered lawyers, "Bring unscrupulous rag, *National Enquirer*, to trial"—Anon.

The runners-up (winning "Word Rummy" games) were:

HUMPTY DUMPTY: *Huevo* understandably miffed; peons teased yolk, dubbing unsightly mess patronizingly, "tipsy yokel"—Mitzi Christiansen, Bakersfield, CA.

AGATHA CHRISTIE: Archaeologist, gardener, and traveler, Hercule's author created highly readable, intricate suspense thrillers in England—Tovah E. Hollander, Los Angeles, CA.

(Gerald) **FORD:** Falls over ramps deliberately—Martha Van Zant, Biloxi, MS.

CARL SAGAN: Clever astronomer reveals latest scoop about galaxies and nebulae—Sheila Bishop, Youngstown, OH.

MARCONI: Made a radio. Created overly noisy instrument—Ira Wolf, Roslyn, N.Y.

Honorable mention to:

CASEY STENGEL: Created atrocious syntax enabling Yankee supporters to enjoy nonsensical, garbled English language—Billy Riback, West Hollywood, CA.

MARGARET THATCHER: Maggie's all right. Girls are running England. They took hold and they can handle everything right—Arlene McElhinney, Arthur, NE.

PINOCCHIO: Puppet's Italian nose outdoes Cyrano's; calumnies hasten its overextension—Murray R. Pearce, Bismarck, ND.

GOD: Grand Old Dad—Edward S. Derrmon, Roslyn Hts., NY.

—LINDA BOSSON

Note: A new competition will appear next month.

For Starters, cont'd

editor-in-chief of Dell puzzle publications. Rosalind will celebrate her 30th anniversary with Dell next March.

Hats off to Margaret Farrar for her latest puzzle achievement—publication of Simon and Schuster's *Crossword Puzzle Book Series 125*. As you may know, Mrs. Farrar has edited or co-edited every volume in that series since its outset in 1924. Her latest volume, co-edited with Eugene Maleska, contains one crossword from each of 75 top constructors. A nice idea.

From our file of "People We'd Rather Not Know" comes this letter which appeared recently in "Dear Abby." It reads, "The letter signed Impatient Sister complaining because another nun kept bothering her for help with crossword puzzles interested me. May I offer a solution? I worked with several women who were crossword puzzle freaks. When they'd come to me for help, I'd ask to see the cross clues, then I proceeded to fill in the squares in ink—and always wrong. In a matter of seconds the puzzle was unworkable. Soon I had the reputation of being a 'Dumb Dora' who ruined puzzles, so no one came near me with one after that." Abby replies that this conduct is "hardly ethical." A sage comment.

Finally, a news flash from the baseball players' strike. Sources report that on Monday, June 8th, Rusty Staub, the player representative of the New York Mets, walked out in frustration from the seemingly endless negotiations between baseball owners and players. The next day, Tuesday, Staub came to the negotiations and passed out crossword puzzles to the owners' representatives. Said Staub, "If you want to play word games, let's do it right." There is no truth to the rumor that he passed out *Four-Star Puzzlers*.

—W.S.

May

Rebus Winners

Grand Prize (Entex "Black Jack" game): Joy Gerity, Lakewood, CO. Runners-up (Silly Pencils): Lambert Bright, Lincoln, NE; Dorothy Buening, Columbus, OH; M. Dessinger, San Francisco, CA; Donna & Richard Freet, Newport News, VA; Pat Greiner, Casper, WY; Helen Kapjon, Chicago, IL; Jean V. Pasdeloup, Chicago, IL; Sue Selden, Wood Lake, MN; Marilyn Simons, Jaffrey, NH; Lois & Michael Wollin, Hershey, PA. Total entries: 220. Total correct entries: 170.

Eugene Sheffer

It is with sorrow that we report the death of Eugene Sheffer, former professor of French at Columbia University, and puzzle constructor for King Features Syndicate since 1926. He died at his home in New York City on May 5 of natural causes. He was 76.

While a Columbia University undergraduate Mr. Sheffer embarked on his crossword career, launching the King Features puzzle, and going on to engineer two national contests in the early 1930s. His crosswords, which put greater stock in speed-solving than complexity, have been syndicated in hundreds of publications worldwide for the past 55 years.

Despite the physical limitations of dystonia, a muscular disease he contracted at age 28, Professor Sheffer pursued a wide variety of interests. The French government awarded him two medals for his scholarly work, which included translations and a collaboration with A. J. Leibling on the French Resistance. He also served as English tutor to the legendary chanteuse Edith Piaf, whom he included among his dearest friends.

Professor Sheffer is survived by a brother and a sister. Columbia University will hold a memorial service in his honor this fall.

—MICHELLE ARNOT

THE 4★ PUZZLER

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14 Games People Play

STEPHANIE SPADACCINI

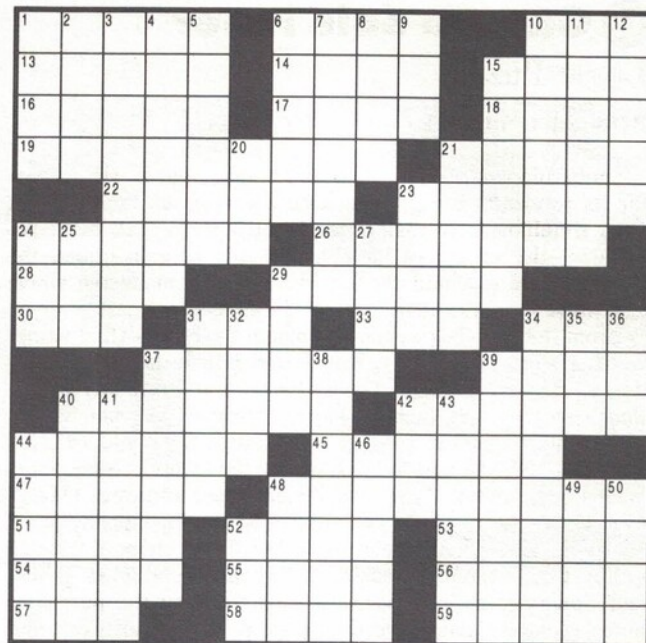
Can you find the connection between the italicized clues and their answers?

ACROSS

- 1 Inverted lower-case E
6 Longest wholly Spanish river
10 GPs' grp.
13 "... and hungry look"
14 Raise (crops)
15 English Channel feeder
16 Lumps from a whipping
17 Forever 'n' ever
18 Cry from the crow's-nest
19 1928
21 Confine
22 With pictures: Abbr.
23 1968
24 "Would I lie?"
26 Terrible
28 Readies the press
29 1936
30 Architect I.M.
31 Homophone of a letter
- 33 ____ : Nero :: Arthur : Sherlock
34 XL squared
37 1896
39 1960
40 Cross-bred cat?
42 Hitchcock film
44 1948
45 Chairman follower
47 Senator Kefauver
48 1956
51 Tartness
52 Acapulco assent
53 Kilmer's prime effort
54 Lawrence's Lovers' partners
55 Greenland settler
56 Author Eddie and actor Richard
57 Tpk.
58 "Big Board" initials
59 Appomattox signature

DOWN

- 1 "I never ____ purple. . ."
2 Mr. Kadiddlehopper
3 1952
4 Loose flesh on the jaw
5 Photographer Adams et al.
6 Mild oaths
7 Show life
8 Word with elbow or leg
9 Hold the deed
10 Crony of D'Artagnan
11 1972
12 Yes ____ (sort of)
15 Blood component
20 Same old thing
21 Spiral
23 Nice girl: Abbr.
24 With it
25 Word behind Washington
27 Does something foolish



- 29 They go with birds
31 Preminger et al.
32 Declaration opener
34 1976
35 Vietnam zone: Abbr.
36 Ron, baseball's "Penguin"
- 37 Andean flora
38 Christie book
39 Rise up again
40 1980
41 Caesar's non-praiser
42 Watch ribbon
43 Disturber of the peace
- 44 Rover's restraint
46 Ms. Starbuck, a/k/a JoJo
48 Bugged down
49 Hawaiian bird
50 To be, to 41-Down
52 Sun Yat-____

15 Cryptic Crossword

DOUG and JANIS HELLER

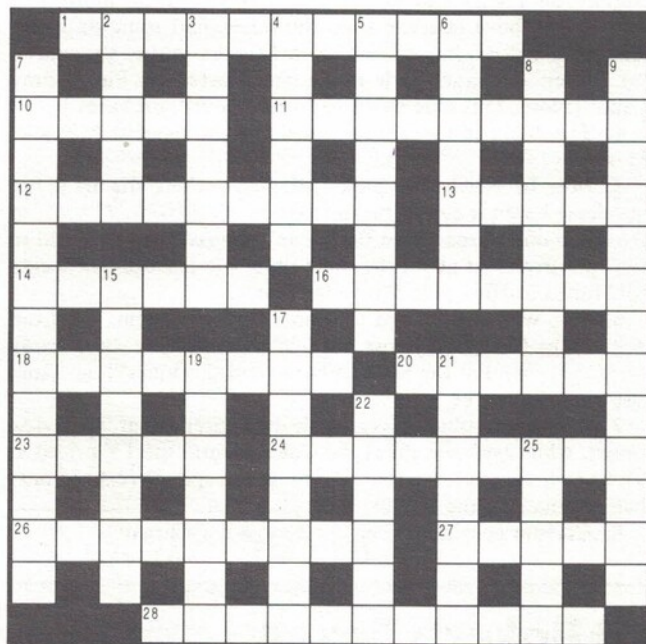
Each cryptic clue contains two indications of its answer—a direct or indirect definition, and some sort of wordplay on it (anagram, pun, or reversal, etc.). You'll know when you have an answer because every word in the clue will have a role in leading you to it. Explanations will appear with answers next month.

ACROSS

- 1 A goat on either side of the outlaw (5, 3, 3)
10 In *Oklahoma!* Hammerstein names this Midwestern city (5)
11 Top of the eighth—a more unremitting Yankee (9)
12 Say the letter M isn't in the word "form"? (9)
13 Laughing creature—has he any trouble? (5)
14 State of Eden, finally—Eve and Adam are incomplete (6)
16 Word "doll" is a hybrid from Europe (3, 5)
18 Here's a bird; prepare a gun for shooting one, also (8)
20 Make bricks of many kinds (6)
23 Saw part of *Heaven's Gate* after a short blast (5)
24 To make a stew, take a large cooking vessel and pour half the rice (9)
26 Prevent "Satan ring" returning in uniform (5, 4)
27 Like the man in "Londonderry Air" is he, somewhat (5)
28 A pit or a hole sunk into the earth with good intentions? (4-7)

DOWN

- 2 Russians' truck is outside (5)
3 Went to school, left, and made some money (7)
4 Earthquake causes Metro crash above middle of Paris (6)
5 Queen's emblem includes costume (8)
6 One half-second to turn explanation into demonstration with slides (3, 4)



- 7 One jazzman in brotherhood gets the message (13)
8 Gathered in force and blundered (8)
9 Had to brag idly about sunshine (5, 8)
15 The winner—top-rated member of royalty (8)
17 Officer in the flesh (8)
19 The tale written by an idiot jock (7)
21 Front and back of upright piano (out of tune) are perfect (7)
22 Fixed the farm building (6)
25 Reportedly, a limitation of the dynasty (5)

16 Garage Sale Fever

Logic Puzzle

ROBERT L. LIDDIL

Snobsville is a pleasant little community that is well known for its residents' garage sales. One Saturday six families held sales simultaneously that attracted buyers from all over. No wonder—the variety of merchandise, the bargain prices, the beautiful weather, and the luxurious setting made the whole adventure more fun than a day at an amusement park.

From the clues below, can you match the buyers (first names Gene, Henry, Ivan, Jenny, Kevin, and Lillian; last names Andrews, Brewer, Carlson, Davis, Early, and Freeman) to the things they bought (a baby buggy, a bicycle, a chain saw, a coat, a stereo, and a TV) and how much they paid (\$2, \$4, \$7.50, \$12.50, \$15, and \$25), as well as the sellers (Usher, Vick, Walbanger, Xylius, Yung, and Zenor), their addresses (Hangover Grove, Longview Court, Persian Mews, Pinchpenny Lane, Victorian Manor, and Watermelon Way) and styles of housing (Cape Cod, Colonial, Federal, ranch, house of seven gables, and Spanish), and the vehicles used to carry the purchases home (compact car, convertible, pickup, sedan, sports car, and van)?

Answer, page 10

Clues

1. Henry made his purchase at Seven Gables; the TV was featured at Watermelon Way; the pickup driver bought the featured item at Persian Mews; the Xyliuses sold their feature to Andrews; the coat cost half as much as Early's purchase. [Note: This clue mentions all six purchases.]

2. Kevin didn't buy the bicycle.

3. Freeman and the man who bought the chain saw didn't stop at the Yung's Federal home; Davis, who spent more than one of the above and less than the other, had some difficulty loading the stereo into his sedan; the Zenors sold to the sports-car driver; the ranch-style home was located on Pinchpenny Lane. [Note: This clue refers to five different purchases.]

4. The driver of the compact made his purchase at Victorian Manor.

5. Miss Brewer had to park at the curb where she made her purchase because Ivan's pickup was in the driveway, while at the same time across town the Vicks' featured item was sold to the van driver. At about the same time, another deal was being concluded at Hangover Grove by Henry.

6. The Walbangers sold the most expensive item, but from neither the Cape Cod house nor Victorian Manor, while Jenny bought her item at the Spanish home and the Vicks' item (sold elsewhere) cost the least.

7. The convertible driver made his purchase at Longview Court, while Ivan bought at the Colonial, and the TV priced at \$7.50 (which was more than Kevin had to spend) realized only half as much as the Ushers' item.

8. Carlson considered her purchase a real bargain.

17 Baker's Dozen

Can you discover the logic in the arrangement of numbers below, and correctly place the number 13?

Answer, page 10

1				6		8	9		11
2	3	4	5		7			10	12



Cryptography

SALLY PORTER

Each of these messages has been put into a simple substitution letter code. The substitutions are constant throughout each cipher, but change from one cipher to the next.

18 Believe It Or Not

QKHBXQVFVFWGQ ZXB QZFM VW
QVBY CXWY FTGWXZGUB. VJWQB
PJW UDZFY VW DZUL ZGN WCVBG
LGWUL WG PWWM PJFDB QZNFGT
QW.

19 You'll Flip for This

ABCBDEF AFBG HIGDBJKJ
LFMNYMG BGBOPDH KMPEQJ CPQF
ABEQ BFMPBC RBCQ-YSFMJ,
CBI-YXK CBDTPDHJ.

20 A Big Quack Attack?

MORE GSTQM RVDKOBVSJPM HTZF
RSPCPN RVQCVL GVRETQJ
RKQRPVSL FOQZPNL FKWTQJ ZK
GVJ RVQCVLGVRE MOREL.

21 On the Prowl

NPQCNTFPRY YNGGLT: PSQHPS
CFPN RTM CLGWQN GDRYYLDG
RYFVN GRB KSNFH JHRBNHG
DSNT SQTUHB PRKG SQTk.

22 Wha'dja Say?

PDGGRTKNPDDW YUK
KDHGRTFVTYW VBDRCMTRYLT CU
GHBTYHXBYLCX VBDUDHUXTJTULF
XDUMDHUKCUP YUK XDUMHFCUP
HUQYBN BTYKTBF.

23 Acrostic Puzzle

LAURA J. BOBROW

1S	2U	3J		4M	5G	6L	7N	8H	9Q	10D		11T	12R	13S	14F		15K	16M	17G		18E	19U		20H
21Q		22F	23T	24O	25J		26R	27P	28M	29L	30D	31K		32B	33C	34I	35H	36O	37Q	38N		39R	40T	41A
42G		43S	44U	45E	46J	47B	48P		49K	50Q	51D	52H	53F	54R	55E	56T	57J	58L		59C	60P	61G	62U	
63O	64A	65D	66Q	67B	68K	69M		70T	71R		72I	73J	74S		75O	76A	77G	78N	79C	80M		81F	82H	
83U	84E	85L	86R	87A	88D	89P	90B	91N	92S	93I	94T		95K	96G	97J		98F	99U	100D	101O	102K	103G	104H	
105E	106P	107S	108R	109C		110B	111O	112Q	113A		114F	115M		116H		117N	118S	119U	120R	121T	122O	123G	124E	125H
	126K	127B	128A	129N	130F	131M	132Q	133D	134I	135H		136J	137L	138T		139O	140B	141N		142S	143F	144U	145Q	
146E	147C		148D	149R	150P	151O		152N	153T		154I		155S	156F	157K		158D	159C	160H		161I	162U	163E	164B
165Q	166N	167R	168L	169T		170P	171F	172I	173J	174S	175O	176C	177A	178N	179U	180E	181B	182Q	183L					

Answer the clues for words to be entered on the numbered dashes. Then transfer the letters on the dashes to the correspondingly numbered squares in the puzzle grid to spell a quotation reading left to right. Black squares separate words in the quotation. Work back and forth between grid and word list to complete the puzzle. When you are done, the initial letters of the words in the word list will spell the name of the author and the source of the quotation.

Clues

Word List

- A. Tidal wave 76 113 87 128 41 177 64
- B. Leader of a certain pack (2 wds.) 110 47 32 164 127 90 140 67 181
- C. Gentlemanly burglar created by E. W. Hornung (*The Amateur Cracksmen*, 1899) 109 33 159 147 59 79 176
- D. Toreador introduced in Act II of *Carmen* 51 10 65 100 88 133 148 30 158
- E. Quarantine 18 45 180 55 163 105 84 146 124
- F. Small, brown and white bird with a rasping call (2 wds., 1 hyph.) 53 156 14 22 171 143 114 81 98 130
- G. Atomic bomb test site, 11/1/52 103 96 123 17 5 42 77 61
- H. Tatterdemalion 104 8 125 116 52 35 82 160 20 135
- I. Musical composition in free fantasia style 34 134 161 93 154 72 172
- J. Seek executives for a business 73 57 136 97 25 3 173 46

- K. Ruler of a province 31 49 102 68 95 157 126 15
- L. Flogs soundly 137 183 6 85 168 29 58
- M. American marsupial 115 4 16 69 80 131 28
- N. Overly sweet 38 91 117 129 7 178 166 152 78 141
- O. Bright plaid woven fabric 24 111 101 139 151 36 75 175 122 63
- P. Small, green swimmer of the Atlantic coast 170 27 48 150 60 89 106
- Q. Tentative ground for action 50 112 9 165 145 66 37 21 182 132
- R. Infinitely aware 167 120 12 149 26 86 108 54 71 39
- S. Insolence, flagrant boldness 107 155 43 142 13 92 174 74 118 1
- T. Lenin's radical majority group 121 70 138 153 40 94 56 23 11 169
- U. One who has earned 21 merit badges (2 wds.) 99 44 179 162 62 144 83 2 119 19

24 Quick Quote

STEPHANIE SPADACCINI

This quotation has been divided into groups of three letters, and these groups placed below in alphabetical order. Rearrange the groups to reconstruct the quote. The author's name will follow the quote. Numbers in parentheses indicate word lengths.

Answer, Page 10

Red Tape (11 2 1 5 9 8 2 7.—6)

BAL BUR BYP CHA CRA CYI EAU ERA
IAN IES MOP NIS SAG TED TME YGM
ZAC



The Sphinx Page



The puzzles on this page are like those written years ago, before crosswords became popular, when the Sphinx was called "The Patron Saint of Puzzledom."

Each puzzle in verse contains two or more missing words to be guessed, in such forms as transposals (e.g., DECIMAL/MEDICAL/CLAIMED), charades (WOO + DEN = WOODEN), deletions (MARSH, MASH), and beheadments (CHEAT, HEAT, EAT). These keywords are represented by w's, x's, y's, and z's—one for each letter in an omitted word. When the keywords have been correctly guessed, each verse will read with proper rhyme and meter, and will express an interesting thought, situation, or story.

An anagram is an apposite rearrangement of the letters in a word, name, or familiar phrase. For example, LO, A RENT ATTEMPT is an anagram of APARTMENT TO LET.

Numbers in parentheses indicate lengths of answers. In anagrams, asterisks indicate capitalized words.

25 Transposal (8)

Whenever *Four-Star Puzzler* comes,
I work the cryptarithmic sums,
Then in imagination I'm
Inspector Xxxxxxxx fighting crime.
But for the last I save the best—
xxxxxxx, beheadments, and the rest.

Philip Cohen, Aliquippa, PA

26 Charade (9)

Swirling, psychedelic lighting
Doesn't thrill me yyyy much.
I don't xxxxx like Travolta.
Some would say I'm out of touch.
If I were to try, however,
Dancing to "C'est Chic"—who
knows?—
I might make a grand xxxxyyyy:
Marge, you're quite a Twinkletoes!

Marge Deibel, Mt. Pleasant, MI

27 Deletion (8, 7)

The race is xxxxyxxx in a minute.
A thousand runners—what a sight!
But everybody's xxxxxxxx at me—
Are my jogging shorts too tight?

Miriam Raphael, Port Chester, NY

28 Transposal (6)

While walking through the xxxxxx,
I chanced upon a glade.

The birds were sweetly singing,
And trees provided shade.
The green and mossy carpet
Was xxxxxx far than lace.
No ugly city landscape
Could xxxxxx such a place.

Beth Howard, Hamilton, Ontario

29 Beheadments (6, 5, 4, 3)

The zywxxx ship sailed into shore.
Its ywxxx crew yelled, "Nevermore!
Such food as this would wxxx a war—
The mess we xxx would kill a boar!"

Maureen Kennerk, Hicksville, OH

30 Homophone (6 5, 9)

xxxxxx Xxxxx, "The best laid schemes of
mice and men gang aft agley."
I know—I wrecked my xxxxxxxxxx when
I shaved too high today.

J. Grossman, Boulder, CO

31 Letter Change (6)

xxxxxx a crocus, I shout "xyxxxx is
here!"
(Next day: A blizzard, the worst of the
year!"

Mary J. Hazard, Rochester, NY

32 Transposal (5)

The poor old man felt xxxxx when he
found, among the trash,
A fancy xxxxx that held one hundred
fifty dollars cash.

Bill Webster, Indianapolis, IN

33 Charade (7)

The prairies are lonely as briar-choked
graves,
And seldom may prairie-folk meet;
But the grass is astir and the meadow-
brook laves
The fisher-boy's tan-covered feet;
And over the hilltops roll billowy waves
Of barley and ripening wheat.

No spot can be dreary to him who can
see
A soul in the wind and the sod;
No task can be xxxyyy to him who is
free
To wander where Summer has trod;
The yyyy of the partridge, the xxx of the
bee,
Are full of the meaning of God.

Molemi, The Enigma, July, 1923

34 Transposal (6)

A xxxxxx he-man type was he,
Who tried to woo a lass.
She thwarted him at every turn
And fended off each pass.
Cried he, "Why do you treat me so?"
She answered with a smile,
"I like a gentler sort, and hold
A xxxxxx against your style."

Beth Howard, Hamilton, Ontario

Anagrams

35 A MORTAL FLEES WAR (*1 *8 2 *4)

36 LAND LOVES KIN OF T.R., ELEANOR (*8 *6 *9)

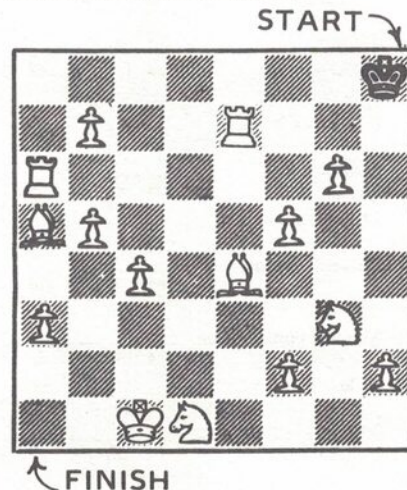
Janet S. Cohen, Kew Gardens, NY

Do you feel the Muse? Send us an original puzzle of any type you have seen on this page, and we'll thank you with \$20 if it is used. Anagrams will be judged for appositeness, and poetic puzzles for cleverness of keywords and verse. Write "The Sphinx," The Four-Star Puzzler, 515 Madison Avenue, New York, NY 10022. Enclose a stamped return envelope if you wish a reply.

37 Chess Maze

KENNETH FEUCHT

Can you negotiate the black King from the upper right to lower left corner of this chessboard maze? Move the King one square at a time in any direction, as in chess. You may never move the King into check, of course, but you may capture white pieces (which remain stationary) to clear the King's path. Are you equal to the royal challenge?



38 Headliners

JACK LUZZATTO

ACROSS

- 1 Goodman's stompin' ground
6 Separates the wheat from the chaff
11 Take on the sly
17 Envision graphically
18 All for naught
19 Melodious call for attention
20 Headline of October, 1929
23 Lanchester, the bride of Frankenstein
24 Shattering volume
25 Plight of honor
26 Yesterday's soldier
27 Twaddle
28 Swimming pools
29 An idol in the flesh
30 First of Caesar's quotable words
31 Derision expressed
33 "Gotta ____ man about a dog"
35 California county bordering Oregon
37 Sea east of the Caspian
39 Run swiftly
41 Chow
42 Political extremist
45 Little one
48 Lines of joining
51 Pizzazz
52 Place willingly entered, gladly left
55 1925 ordeal for teacher Scopes
56 Fundamental principles
57 Possible 1863 headline: "Lincoln ____"
59 Strong alkali for soap
60 Jordan city, "half as old as time"

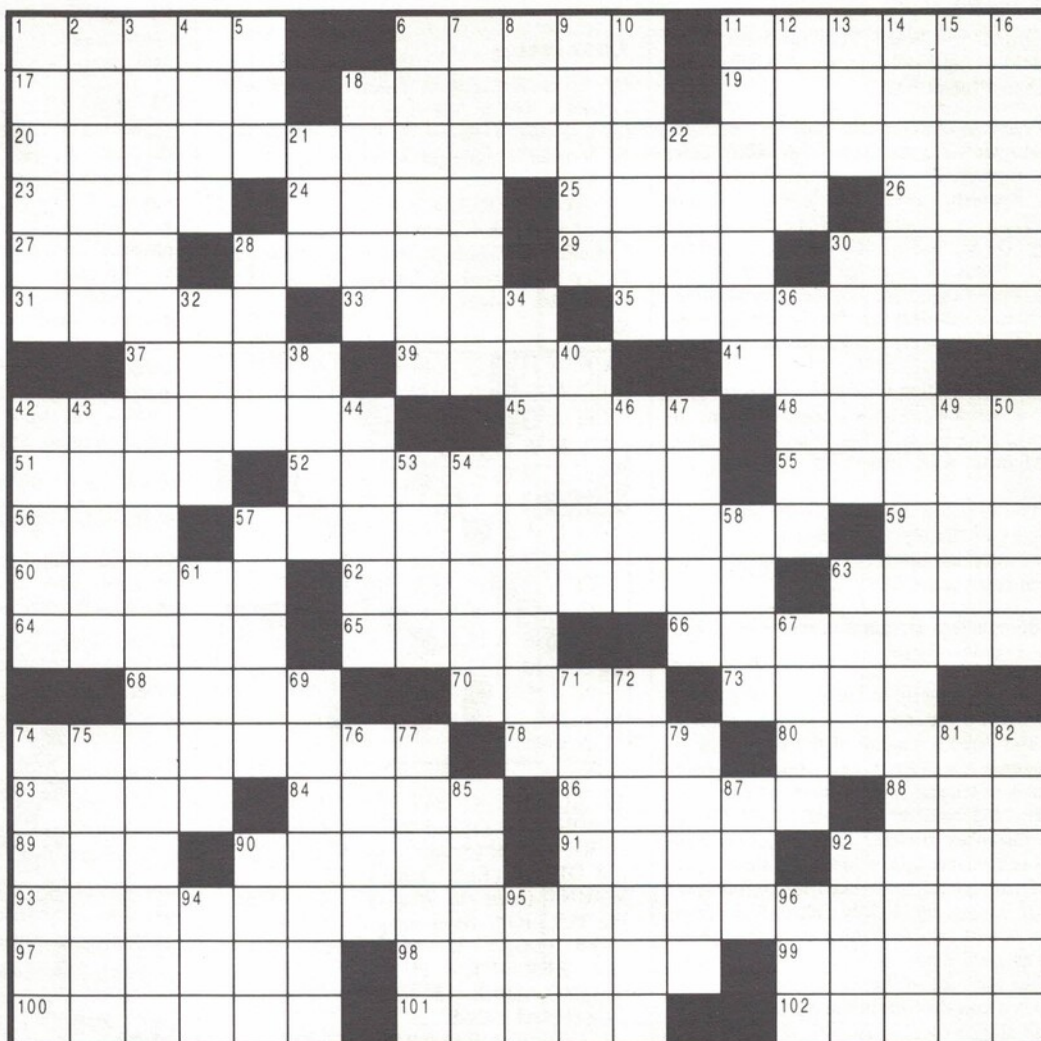
- 62 Drinking age legislation, e.g.
63 Healthy radiance
64 Feature of glacial mountains
65 Word form for salt
66 Some fur hunters
68 Examined
70 Dealer: Abbr.
73 Bread and drink
74 Powerless
78 Noted gunslinger
80 ____ nous
83 Headlined town, 1944 invasion
84 Headlined walkway of 1969
86 Airplane maneuvers
88 Race the motor
89 Age of distinction
90 Divided land
91 Kinds

- 92 High-speed electron particle
93 1866 headline that elated Peter Cooper
97 Racehorse
98 Disputatious person
99 Offbeat
100 Acts as benefactor
101 Neither noble nor generous
102 Laundry device
DOWN
1 Needle workers
2 Catalina resort city
3 1933 headline ending a dry spell
4 Oil state: Abbr.
5 Word of consent
6 Pussyfooted
7 Across the ocean

- 8 Treacherous creature
9 Cultivation by farming
10 Escapeless
11 Heart contraction
12 An old sailor
13 Euripides drama
14 Headlined document of 1919
15 Compelling belief
16 Truss up, hand and foot
18 Golf clubs
21 Musical syllable
22 The good old days
28 Treaded vehicle, for short
30 Politician's target
32 Green island country
34 Joyful one-word

- headline of 1918
36 Cartoonist Thomas and kin
38 Most notably, a friendly lion
40 What the Duke of Windsor relinquished
42 Takes the harvest
43 "Virginia Woolf" playwright
44 River valley clay or silt
46 Afrikaans, the language
47 Fortified Portuguese city bordering Spain
49 Municipal *numero uno*
50 Slathers
53 Bristle
54 Biblical poem
57 Gem surface
58 Easy-pouring jug
61 Manmade fiber

- 63 Little sheltered valley
67 Affirmatives
69 Downgrades
71 Large flatfish
72 Forerunner of a bus
74 Cold spell?
75 Weaselike animal
76 "Neither you ____"
77 Top front cover of shoe leather
79 Game played by the fireplace?
81 Leave the scene
82 Dodger
85 Mother-of-pearl
87 ESP and other psychic phenomena
90 Wotted of
92 Unclear photo
94 In time past
95 Insurance rep.
96 Grass-grown area



ANSWERS

This Issue

① SirS: If you WanT Your pROoFREAD-er bacK, brIng 5 doLLars IN qUARTers TO FunLand PInball ARCADE.

⑩ Gene Andrews, chain saw, \$12.50, Xylus, Longview Court, Cape Cod, convertible; Jenny Brewer, TV, \$7.50, Zenor, Watermelon Way, Spanish, sports car; Lillian Carlson, coat, \$2, Vick, Pinchpenny Lane, ranch, van; Henry Davis, stereo, \$15, Usher, Hangover Grove, house of seven gables, sedan; Kevin Early, baby buggy, \$4, Yung, Victorian Manor, Federal, compact car; Ivan Freeman, bicycle, \$25, Walbanger, Persian Mews, Colonial, pickup.

A full explanation is available upon request. Send a self-addressed stamped envelope to "Garage Sale Fever," *The Four-Star Puzzler*, 515 Madison Ave., New York, NY 10022.

⑦ The 13 should be placed in the lower row. Numbers in the top row, when inverted, can still be read as numbers, while those in the bottom row cannot be.

④ Bureaucracy is a giant mechanism operated by pygmies. Balzac.

⑥ Homer's description of the cases' packing was correct if the rods were stacked vertically, each rod directly on top of the one below it. However, if the cases were packed in alternating rows of ten and nine rods, each rod resting between the rods of the layer below (or, in some instances, between the edge of the case and a rod of the layer below), the same number of rods could be stacked in 21 full rows with a saving of slightly more than three inches in vertical rise. Which method of packing was used could be discovered by noting whether the rods in the second layer were directly beneath the rods in the top layer or were instead staggered.

④ 1. Chicago. It was the infamous fire of 1871. 2. "Give me liberty or give me death" (Patrick Henry). 3. *Futility* was written in 1898; the *Titanic* sank in 1912. 4. Robert Todd Lincoln... son of the President who was assassinated by Booth's brother. 5. The money, \$105, came from Sanders' first Social Security check, when he was 65. 6. Rin Tin Tin. 7. John Quincy Adams was elected President by the House of Representatives. 8. *American Gothic* by Grant Wood. 9. None. She never married, either. 10. "Little Orphan Annie." 11. Dr. Kane was his own patient! 12. (C) is false. Darrow went to law school... but dropped out after one year.

② The word is DICTIONARY.

③ He ends up poorer. Each win multiplies his total by 1.5, while every loss multiplies the total by 0.5. So each win-loss pair (whether consecutive or not) multiplies his total by $1.5 \times 0.5 = 0.75$, for a loss.

④ None. It's impossible, even for Wilbur, to correctly wire nine of the buttons and find a wrong connection for the tenth button.

⑤ The passenger train travels three times as fast as the freight train.

④⑥ Seven, as shown:



Last Issue

① CLOCKWISE: 1. Jeune 2. Aiming 3. Helena 4. Deride 5. Felony 6. Sugary 7. Ratted 8. Pulled 9. Barrel 10. Parker 11. Banner 12. Warden 13. Bengal 14. Kodiak 15. Police 16. Curare

COUNTERCLOCKWISE: 1. Julian 2. Aerial 3. Hijack 4. Demure 5. Feline 6. Serene 7. Ruling 8. Pagoda 9. Butane 10. Paltry 11. Barley 12. Warred 13. Banked 14. Kernel 15. Ponder 16. Codger

④⑥



⑤ ACROSS: 1. BAT MASTER'S-ON 9. LAMBASTES (anag.) 10. FLAME (hidden) 11. RE-SERVE (Seaver anag. minus a) 12. E-V-A-DERS (Reds anag.) 13. C-ATA-MOUNT (man out at anag.) 16. D-WELL 17. TU(T)OR (rout anag.) 19. MODER-ATES (anag.) 22. MANAGER (anag.) 23. REV-ERIE 25. E(A'S)EL 26. I(M)MOVABLE (a vile mob anag.) 27. CARDINALS-IN-S

DOWN: 1. BALDRI-C (lad RBI anag.) 2. TIMES (anag.) 3. AN-A-G-RAM 4. TI(ght bat)TLE 5. RES(P-E-C)TED 6. OFF-H-AND 7. BASEMEN-T 8. WEASEL (anag.) 14. TITANESS (anag.) 15. UN-MARR(I)ED 17. TAM(P)ER 18. REGAL-IA (rev.) 20. RE(VI-V)AL 21. STEREO(S anag.) 23. ROMAN (anag.) 24. R(AB)BI (AB = able-bodied seaman)

④⑥



⑩ When asked how to retain stiff upper lip in battle, flip colonel suggests extra dab of moustache wax.

⑨ Lamb shish kebabs, fixed on fancy skewers, blend with mushroom, onion, tomato chunks, for gastronomic orgy.

② Peerless football rookie bobbles handoff but fools defense, struggles for fifty-yard pickup.

② Mellifluous alto sax makes frenzied devotees go ape, tear up jazz concert hall with gusto.

② Imperfect Paris prefect of police perverts penal system, prosecutes poor people, pardons prosperous ones.

② Word List: A. Enchiridion B. Naras C. Education D. Waist E. Majority F. Abbreviated G. Niobe H. Swiss watch I. Tongue twister J. Reave K. Injustice L. Crowd grass M. Trajan N. "Lulu's Back in Town" O. Yatter P. Sultan of Swat Q. Passed away R. Eats S. Applesauce T. Katydid U. Ideated V. Northwest W. Goodness

Quotation: In Watergate, nobody ever discussed a subject. It was always subject matter. The discussion never took place before a particular date. It was always prior to. Nor was anything said, it was indicated; just as nothing was done, it was undertaken.—E(dwin) Newman, *Strictly Speaking*

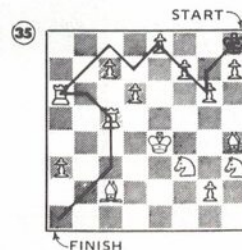
④ Tab-let ⑤ Dais(i)es ⑥ As(h)tray

⑦ Bestride ⑧ Con-vale-scent ⑨ Bran(d)

⑩ Please/asleep/elapse ⑪ Slumber/plumber

⑫ Cantankerous/can't anchor us

⑬ The insane asylum ⑭ An Israeli settlement



④⑥



③ ACROSS: 1. VESTIGE (hidden) 2. DOW-N-Y. 3. (s)OFTENER 4. ASSES-S 5. SAUNAS (anag.) 6. ASCEND (anag.) 7. CEREAL (homophone) 8. KNI(G)HT (think rev.) 9. BOXER (2 mngs.) 10. HARKS (anag.) 11. ST.-OR-MS. 12. LIMEST (anag.) 13. H(A-N.G.)ER 14. RE(WAR)D 15. A-BASH

DOWN: 1. PUT-TIES 2. ITC(H)Y (city anag.) 3. ELEGIST (anag.) 4. MISTERS (2 mngs.) 5. RAVE-N,S 6. P(L)OP 7. HURO-N (hour anag.) 8. AN-G(O)RA (rag anag.) 9. MI-XING (I'm anag.) 10. WHINED (homophone) 11. HANK-E-R 12. GRIPS (anag.) 13. BATHER (anag.) 14. WE-EVIL (live rev.) 15. REV.-ILE (lie anag.)

Puzzle Guide, cont'd

Also "Cue Crossword" by Maura B. Jacobson. Exceptional American theme puzzle.

NRTA Journal (BM) "Puzzle" by various contributors. Magazine for retired teachers. Word search.

Omni (M) "Games" by Scot Morris. Variety of problems and puzzles, often mathematical or scientific.

People (W) "People Puzzle" by Gerard Mosler. Name-based word search with clues.

Playboy (M) "Playboy Puzzle." A different type of puzzle each issue, in the inimitable *Playboy* style.

Prime Time (M) "Prime Time Crossword" by Alfio Micci. Magazine for people over 40. Themed puzzle.

The Progressive (M) "The Progressive Puzzle" by Emily Cox and Henry Rathvon. Double-croctic with cryptic clues.

Saturday Evening Post (M) "Where Do You Think You Are?" Map identification puzzle.

Saturday Review (M) "Double-Croctic" by Thomas H. Middleton. The classic literary puzzle, published every issue since 1934. Also "Literary Crypt." Quotation cryptogram. And "Wit Twister" edited by Arthur Swan. Verse transposal.

Science Digest (M) "Puzzles, Paradoxes and Pitfalls" by Dr. Crypton. A variety of puzzles and brainteasers.

Scientific American (M) "Mathematical Games" by Martin Gardner, on alternating months with "Metamagical Themas" by Douglas R. Hofstadter. A variety of mathematical recreations.

SciQuest (M) "Crossword Puzzle" by Mary Virginia Orna. Science-themed crossword.

Sky Magazine (M) "Crossword Puzzle" by A.R. Pimental. Delta Airlines' in-flight magazine. American-style crossword.

Sportswise New York (BM) "Sportsword Puzzle" by Douglas Heller. Available only in the New York area. Cryptic crossword with sports-related clues.

Technology Review (8x) "Tech-Croctic" by Robert Forsberg. Technologically-themed double-croctic.

Texas Monthly (M) "Texas Monthly Puzzle" by Don Rubin. Visual puzzles reprinted from the popular syndicated newspaper feature.

TV Guide (W) "Television Crossword."

Videoplay (BM) "Videofun." Video-related puzzles, varying in type from issue to issue.

Washington Monthly (M) "The Political Puzzle" by John Barclay. Puns-and-anagrams/cryptic crossword.

—M.S.

39 Cryptocryptic

HENRY HOOK

Enter the answers to the Across clues into Diagram 1 and the answers to the Down clues into Diagram 2. No words will be formed reading down in Diagram 1 or across in Diagram 2, but the two diagrams will form a simple substitution cipher of one another. For example, suppose 1-Across begins with A, and 1-Down with B. Then, wherever the letter A appears in Diagram 1, the corresponding square in Diagram 2 will have a B, and wherever a B appears in Diagram 2, that square in Diagram 1 will have an A. Answers include two proper names and one variant word.

Diagram 1

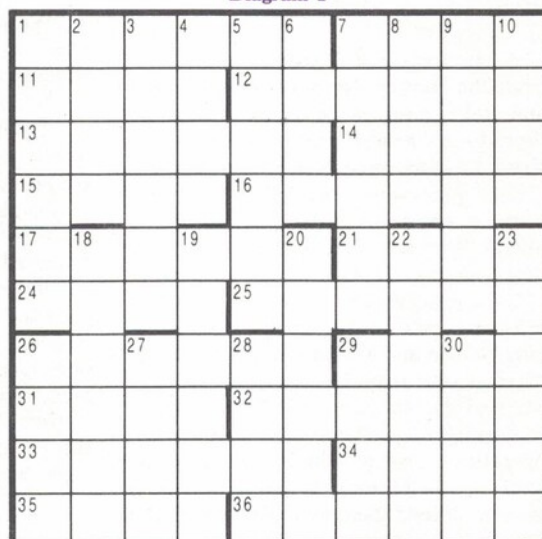
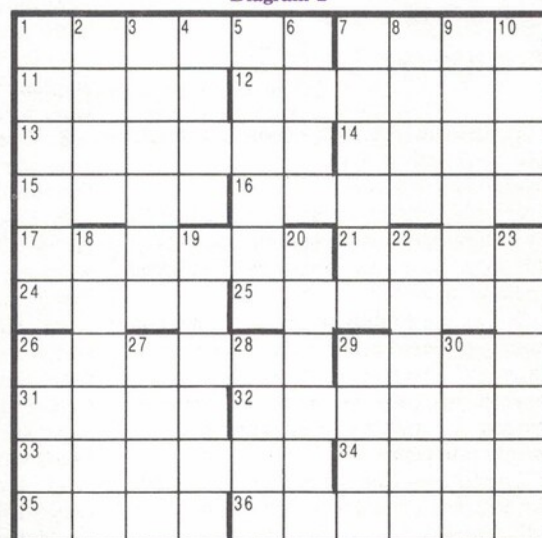


Diagram 2



ACROSS

- 1 The code is something meaningless (6)
- 7 Backward boy gets one in the face (4)
- 11 You and I, may I add, will return by jet (4)
- 12 Laugh two times in a row (6)
- 13 Garson in *Bedlam of the Apes* (6)
- 14 Typesetter is last to fall in love (4)
- 15 Eggs with pepper and salt—how careless of me! (4)
- 16 Meter maids have told you how roadsters' tops are to be put back (6)
- 17 Everybody's in drag in *Grease*? (6)
- 21 Let out some pants and one type of sleeve (4)
- 24 Ear growth or foot growth (4)
- 25 What Robin Hood uses tapers off at the front (6)
- 26 American fuel redistribution can be beneficial (6)
- 29 Make an engraving of *The Reformation*—about \$100 (4)
- 31 Little sister's about right for the guys (4)
- 32 A bunch of suckers getting naked in the streets (6)
- 33 It's due to arrive shortly before the audition (6)
- 34 Don't start—stop and relax (4)
- 35 Imitation rabbit fur (4)
- 36 Left as a prisoner of war, my friend behaves this way (6)

DOWN

- 1 It's said to weep, and is going to cry in pain (6)
- 2 Expected half a hundred in battle (4)
- 3 School nurse having a breakdown? That's questionable (6)
- 4 Siamese cat hair is full of it (4)
- 5 Coward's written about five books (6)
- 6 *Turning the Tide* is cut for television (4)
- 7 Opening of "Moulin Rouge"—terribly macabre place (6)
- 8 Fool has a couple of C-notes (4)
- 9 Kidnap son, of course (6)
- 10 Since this is in all candor, have faith (4)
- 18 Some pictures of playground equipment (6)
- 19 Run all around in a city in Wisconsin (6)

- 20 Leading characters in *Love in Sheer Lunacy* (6)
- 22 We're told Florence is soft (6)
- 23 Mentioning a reported UFO observation (6)
- 26 Duke has shivering fits (4)
- 27 Born and died, of necessity (4)
- 28 E.g., skate in from the end (4)
- 29 Hawaiian birds caught in fine net... (4)
- 30 ...were heard to buzz (4)



40 Stacked Against You, Hardcase? Three-Minute Detective

ROBERT L. LIDDIL

When Inspector Hardcase got a call from the Harbor Patrol to go to Pier Six and take custody of a smuggler, he thought it a routine matter. When he arrived, he discovered how wrong he was.

The pier was crowded with large, wooden cases marked "Ship to Acme Metal Works," their lids thrown in a heap nearby. Several disgusted-looking officers stood among the crates, crowbars in their hands. Off to one side stood Captain Nelson and a man in dark coveralls. "Here's your man, Hardcase. He was implicated by our informant in Bombay in this smuggling scheme, but he won't cooperate and tell us which cases have the stuff in the bottom. It looks like we'll have to unload them all to find out." The

smuggler just smirked.

"What's the contraband?" Hardcase asked.

"Hashish from Southeast Asia."

Hardcase frowned thoughtfully. "Light and compact," he mused. "Weight differences would be negligible." He looked into a case with its top removed—ten cylindrical metal rods, two inches in diameter and twenty inches long, lying side by side to form the top layer. "Are they solid?" he questioned.

"We've looked at just a few, but they seem to be," Nelson answered. The smuggler continued to smirk.

"Are all the cases identical?"

"Twenty-and-a-quarter inches square inside and about forty inches tall, accounting for the wood of the bottom."

"So they'd hold 20 layers of ten rods each—or 200 rods," Jephro Homer volunteered.

"Have your men remove one rod from the top layer of each case," Hardcase instructed, "and we'll soon know which ones have the false bottoms." The smuggler stopped smirking.

How did Hardcase expect to determine this by having just one rod removed from each case?

Answer, page 10

41 Can You Answer This?

1. Late in the 19th century, a tragic fire occurred in Peshtigo, Wisconsin, in which over 1,500 lives were lost. Yet this event was journalistically overshadowed by a simultaneous tragedy in which only 300 lives were lost. Where did this latter tragedy occur?

2. "Is life so dear or peace so sweet as to be purchased at the price of chains and slavery?" The speaker of these words answered his own question in the same speech, by making what famous seven-word statement?

3. Morgan Robertson's novel *Futility* described the maiden voyage of an allegedly "unsinkable" ocean liner named the *Titan* which, en route from Southampton to New York, struck an iceberg and sank. So what?

4. One evening early in the 1870s, legendary actor Edwin Booth saved the life of a young man who had fallen from a railroad platform. Who was that young man?

5. Everybody knows of Colonel Sanders and his Kentucky Fried Chicken business. Where did Sanders get the money to start his multi-million-dollar enterprise?

6. In 1926, Charlie Chaplin, Rudolph Valentino, and Douglas Fairbanks, Sr.,

were all defeated in Warner Bros.' popularity polls. By what then superstar?

7. In 1824, New York Congressman Stephen Van Rensselaer cast the deciding vote, whereby . . . what happened?

8. The models of this famous painting were the artist's sister and dentist. Name the painting.

9. Due to the efforts of Anna May Jarvis, Mother's Day became a national observance in 1914. Within three, how many children did Anna May have?

10. Harold Gray originally named his cartoon character Otto. But somehow Otto didn't quite look right. So Gray took up his pen again, and Otto's appearance was adjusted. By what name do we know Otto today?

11. On February 15, 1921, Dr. Evan O'Neill Kane became the first surgeon to use a local anesthetic during an appendectomy. Who thus became the first patient to remain awake during this delicate operation?

12. Which one of the following four statements is false? A) The infamous outlaw known as Black Bart never loaded his gun. B) The battleship *Maine*, the explosion of which triggered our involvement in the Spanish-American War, blew up from the inside. C) Clarence Darrow, whose name has become synonymous with American jurisprudence, never went to law school. D) Rags-to-riches author Horatio Alger died a pauper.

Answers, page 10



At Wit's End

Answers, Page 10

42 Look It Up

What word, found in any dictionary, is an anagram of the word INDICATORY?—Cindy Tario, Road City, IN

43 Flipping Out

A gambler bets on the toss of a fair coin, each time betting half of his money. He continues for quite some time, and eventually stops, having won exactly as many times as he lost. Does he end up richer, poorer, or back at his starting amount?—Games & Puzzles, September, 1973

44 Button, Button

Wilbur, on his first day in the telephone factory, proved totally inept. His job was connecting the buttons on push-button phones to the appropriate contacts inside—the "1" button to the first contact, the "2" to the second, and so on. If the connections were not *all* correct, the phone would not work properly. Out of the 20 phones Wilbur wired, only one was fully correct. In fact, Wilbur miswired the "1" button in one phone, the "2" in two phones, and so on, with the "0" button correctly wired in all 20 phones. On how many phones was only one button miswired?—M.S.

45 Trains of Thought

The engineer of a passenger train times how long it takes to pass a freight train going in the opposite direction. (That is, he finds the time during which the trains are, at any point, side by side.) On the return trip, he again times the passing, this time with both trains travelling in the same direction, and finds it takes twice as long as the earlier passing. How many times faster than the freight train is the passenger train?—C.R. Wylie, 101 Puzzles in Thought and Logic

46 Pipe Dreams

A plumber has a number of straight pipe sections, all of equal length, and a sufficient number of right-angle elbow joints to connect them. What is the smallest *odd* number of pipe sections he can join to form a closed loop?—Dana Richards, Indianapolis, IN

Do you have an original, unpublished brain-teaser? Send it to "At Wit's End," The Four-Star Puzzler, 515 Madison Avenue, New York, NY 10022. We'll pay \$20 for each one used.